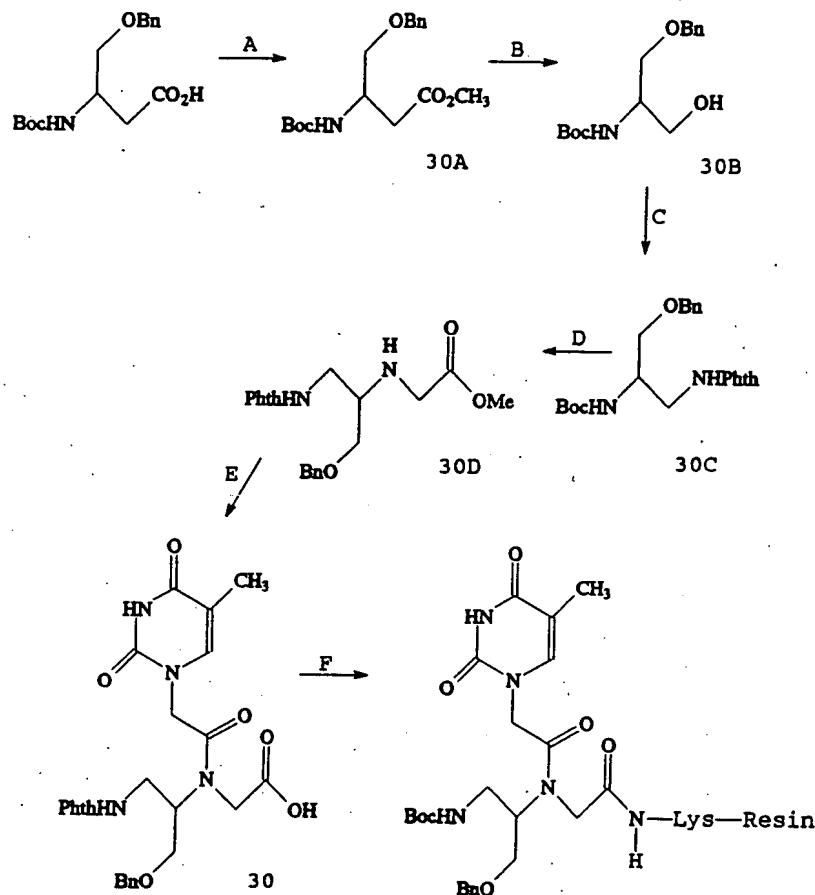


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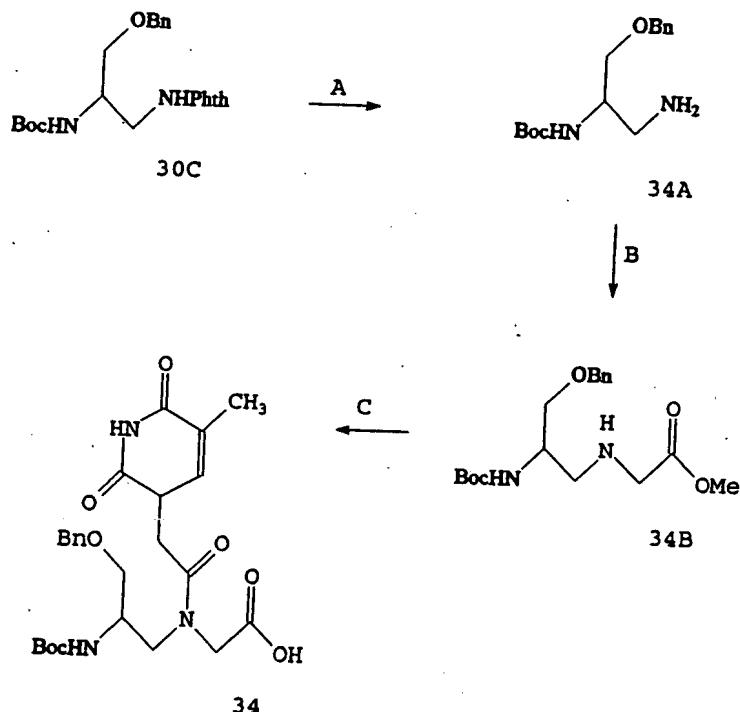


- A. Diazomethane, MeOH
- B. LiBH₄, MeOH
- C. PPh₃, Phthalimide, DEAD
- D. TFA, CH₂Cl₂, NaHCO₃, Methyl bromoacetate
- E. 1-Thyminylacetylchloride
- F. H₂NNH₂, Boc₂O, NaOH, MBHA Lys resin

Figure 1

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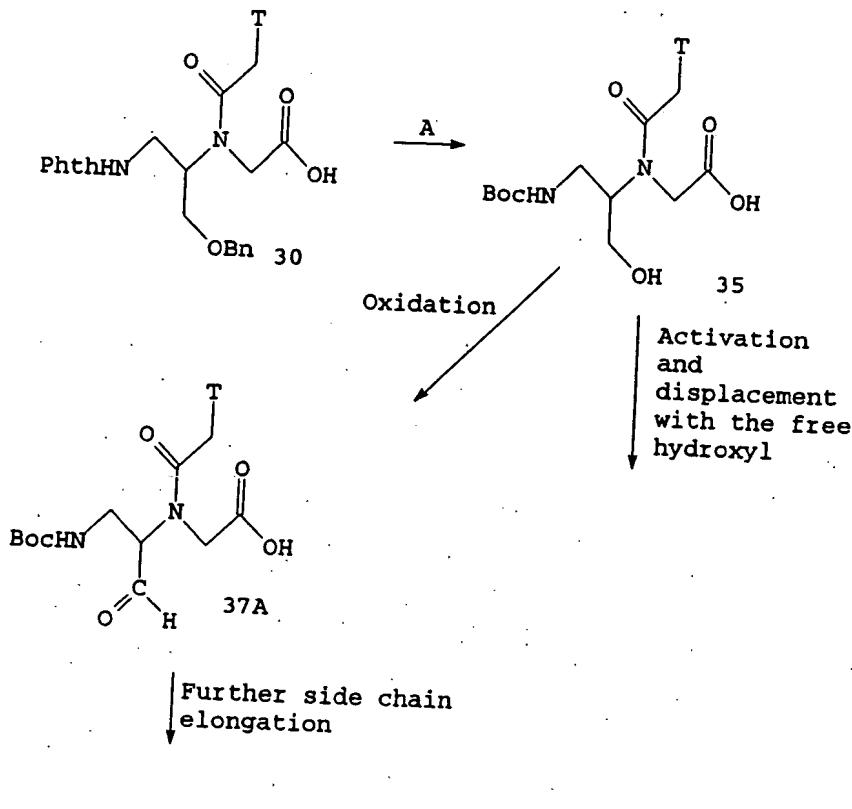


A. Hydrazine, Ethanol
B. Methyl bromoacetate
C. 1-Thyminylacetylchloride

Figure 2

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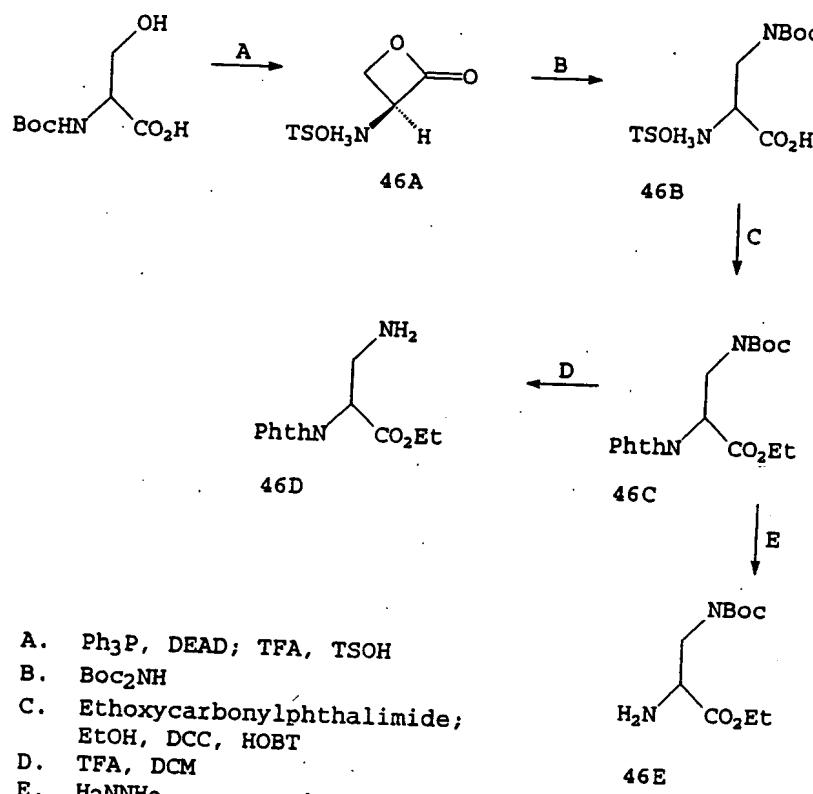


A. H_2NNH_2 , $\text{Boc}_2\text{O}/\text{NaOH}$, $\text{LiBH}_4/\text{MeOH}$

Figure 3

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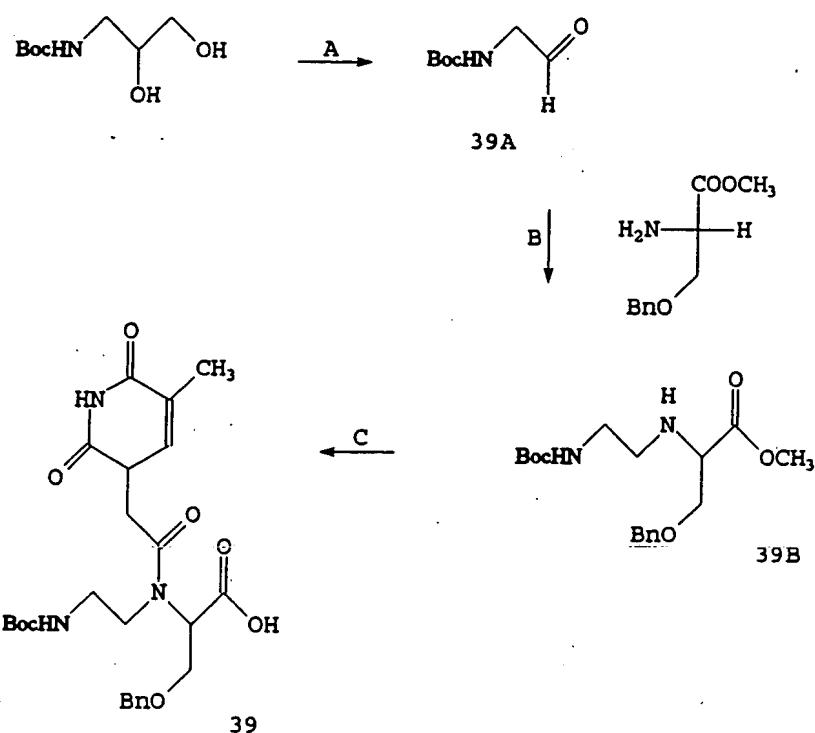


- A. Ph₃P, DEAD; TFA, TSOH
- B. Boc₂NH
- C. Ethoxycarbonylphthalimide; EtOH, DCC, HOBT
- D. TFA, DCM
- E. H₂NNH₂

Figure 4

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A. Potassium m-periodate
B. Glacial acetic acid, Sodiumtriacetoxyborohydride
C. N-1-Carboxymethylthymine (Compound 3), 1N NaOH

Figure 5

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Seq

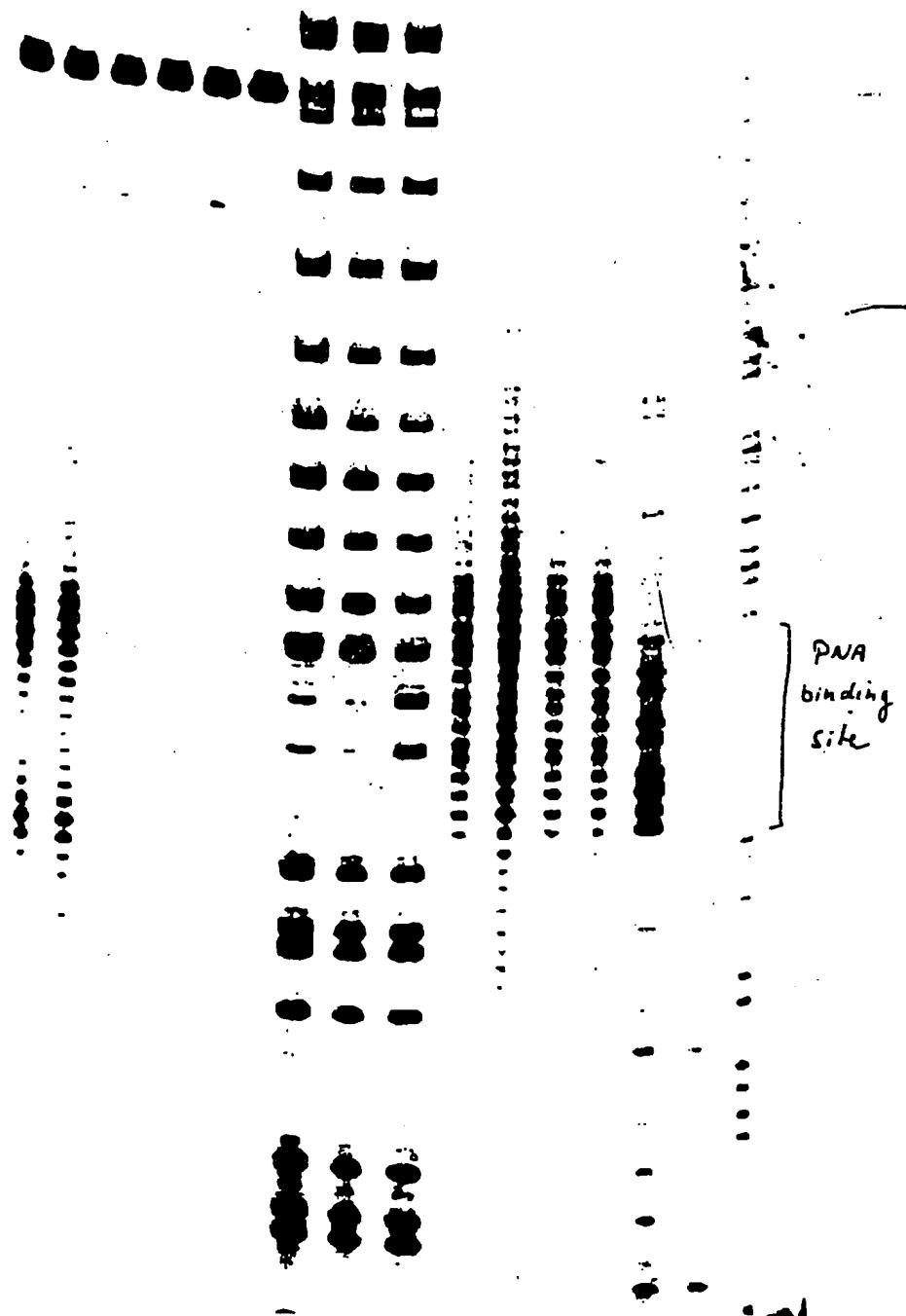


Figure 6